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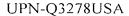
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Total Number of Pages in This Submission 6		UPN-Q3276		
	ENCLOSURES (Check all	that apply)		
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Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence A Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD Remarks Customer No. 00270 Express Mail No. ED379414248US	ddress	Proprie Status Other below	ational Search Report
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hereby certify that this correspondence is be sufficient postage as first class mail in an env the date shown below:	eing facsimile transmitted to the USPT(elope addressed to: Commissioner for	O or deposit Patents, P.	ted with the Un O. Box 1450, A	ited States Postal Service with Alexandria, VA 22313-1450 on
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.

: 10/573,129

Confirmation No.:

Applicant

: Stedman and Bridges

Filed

: March 23, 2006

TC/A.U.

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Examiner

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Customer No.

: 00270

Title

: METHODS, COMPOSITIONS AND APPARATUS FOR

DELIVERING HETEROLOGOUS MOLECULES TO CELLS

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits to the Examiner the attached Form PTO/SB/08A/B document listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Form PTO/SB/08A/B is attached and copies of the documents are enclosed herewith. This Information Disclosure Statement is submitted less than three months from the filing date of this application and before the receipt of a first Office Action on the merits. Therefore, no fees are believed due.

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

REMARKS

Listed below are previously filed, and co-pending, US Patent application and foreign published applications. These applications and the present application are commonly owned:

- 1) International Patent Application No. PCT/US05/34283, now published No. 06/039218, April 13, 2006
- 2) US Patent Application No. 10/572,238 filed March 17, 2006 (corresponding international patent application PCT/US04/30463, September 16, 2004, now published application No. WO 05/027995

Listed below is a document cited in the International Search Report dated May 11. 2005 in the International Patent Publication No. WO 05/030292, published April 7, 2005. A copy of the Report is enclosed. Copies of U.S. published and issued patents are not enclosed.

US-2002/0107504 A1, August 8 2002 1)

The Examiner is respectfully requested to consider the enclosed document identified in this paper and in the attached Form PTO/SB/08A/B during the course of examination of this application.

Respectfully submitted,

HOWSON AND HOWSON Attorneys for Applicant

Registration No. 33,980 501 Office Center Drive

Suite 210

Fort Washington, PA 19034 Phone: (215) 540-9200

Fax: (215) 540-5818

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Substitute for form 1449/PTO		Complete if Known				
		Application Number	10/573,129	2340		
INF	ORMA	TION	DISCLOSURE	Filing Date	March 23, 2006	5
STA			APPLICANT	First Named Inventor	Stedman et al	JUN 10. 3
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				Examiner Name		Te. A.
Sheet	1	of	3	Attorney Docket Number	UPN-Q3278USA	MOEMARKO

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials* No.1	No.1	Number-Kind Code ^{2(if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevar Figures Appear
	A	US-2002-0107504 A1	08-08-2002	Lucas S. Gordon	
	В	US-2003-0216332 A1	11-20-2003	Chamberlain et al	
	C	US-6,177,403 B1	01-23-2001	Stedman	
	D	US-6,508,777 B1	01-21-2003	Macoviak et al	

[FOREIC	ON PATENT DOCUMENTS			
	611	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where	7.6
Examiner Initials*	Cite No. ¹	Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
1	E	PCT WO 06/039218 A2	04-13-2006	The Trustees of	,	
1				the University		
				of Pennsylvania		
	F	PCT WO 05/027995 A3	03-31-2005	The Trustees of		
				the University		
				of Pennsylvania		
	G	PCT WO 99/31982 A1	07-01-1999	The Trustees of		
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1				of Pennsylvania		

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Signature	Considered	

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Sheet	2	of	3	Attorney Docket Number	UPN-Q3278USA	

U.S. PATENT DOCUMENTS				
Cite	Document Number	Publication Date	Name of Patentee	Pages, Columns, Lines, Where
No.1	Number-Kind Code ^{2(if known)}	MM-DD-YYYY or Applicant of Cited Document		Relevant Passages or Relevant Figures Appear
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		FOREIC	ON PATENT DOCUMENTS		· · · · · · · · · · · · · · · · · · ·	
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	Н	PCT WO 99/59666 A1	11-25-1999	The government of the United States of America, represented by secretary, department of health		
	I	PCT WO 99/43360 A1	09-02-1999	The Trustees of the University of Pennsylvania		

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Translation is attached.

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Substitute for form 1449/PTO	Complete if Known					
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INFORMATION DISCLOSURE	Filing Date	March 23, 2006	*			
STATEMENT BY APPLICANT	First Named Inventor	Stedman et al	JUN 1 6 2006 B			
	Group Art Unit		\$			
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NONPATENT LITERATURE DOCUMENTS

BRIDGES ET AL, Global Cardiac-Specific Transgene Expression Using

Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of

the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue

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of

	Cardiopulmonary Bypass with Cardiac Isolation, Ann Thorac Surg., 73:1939-46, (February 2002)
K	YUE ET AL, Microdystrophin Gene Therapy of Cardiomyopathy Restores Dystrophin-Glycoprotein Complex and Improves Sarcolemma Integrity in the Mdx Mouse Heart, Circulation, 108: pp. 1-7, (September 30, 2003)
L	GREELISH ET AL, Stable Restoration of the Sarcoglycan Complex in Dystrophic Muscle Perfused with Histamine and a Recombinant Adeno-Associated Viral Vector. Nature Medicine, Vol. 5, No. 4, (April 1999)
Examiner Signature	Date Considered

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